OIPE
SEP 22 2005
PATENT & TRADEMARK OFFICE

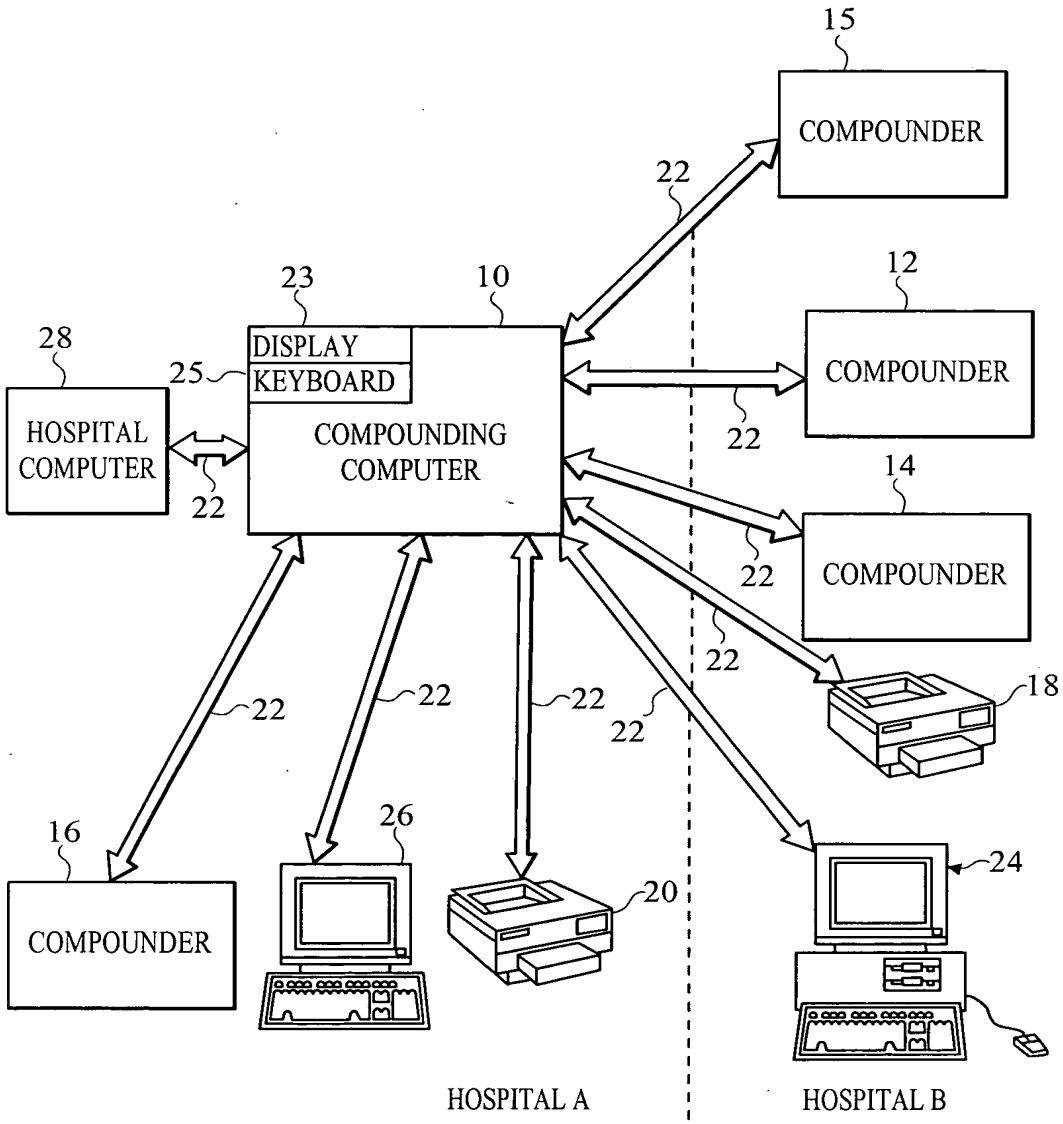


FIG. 1

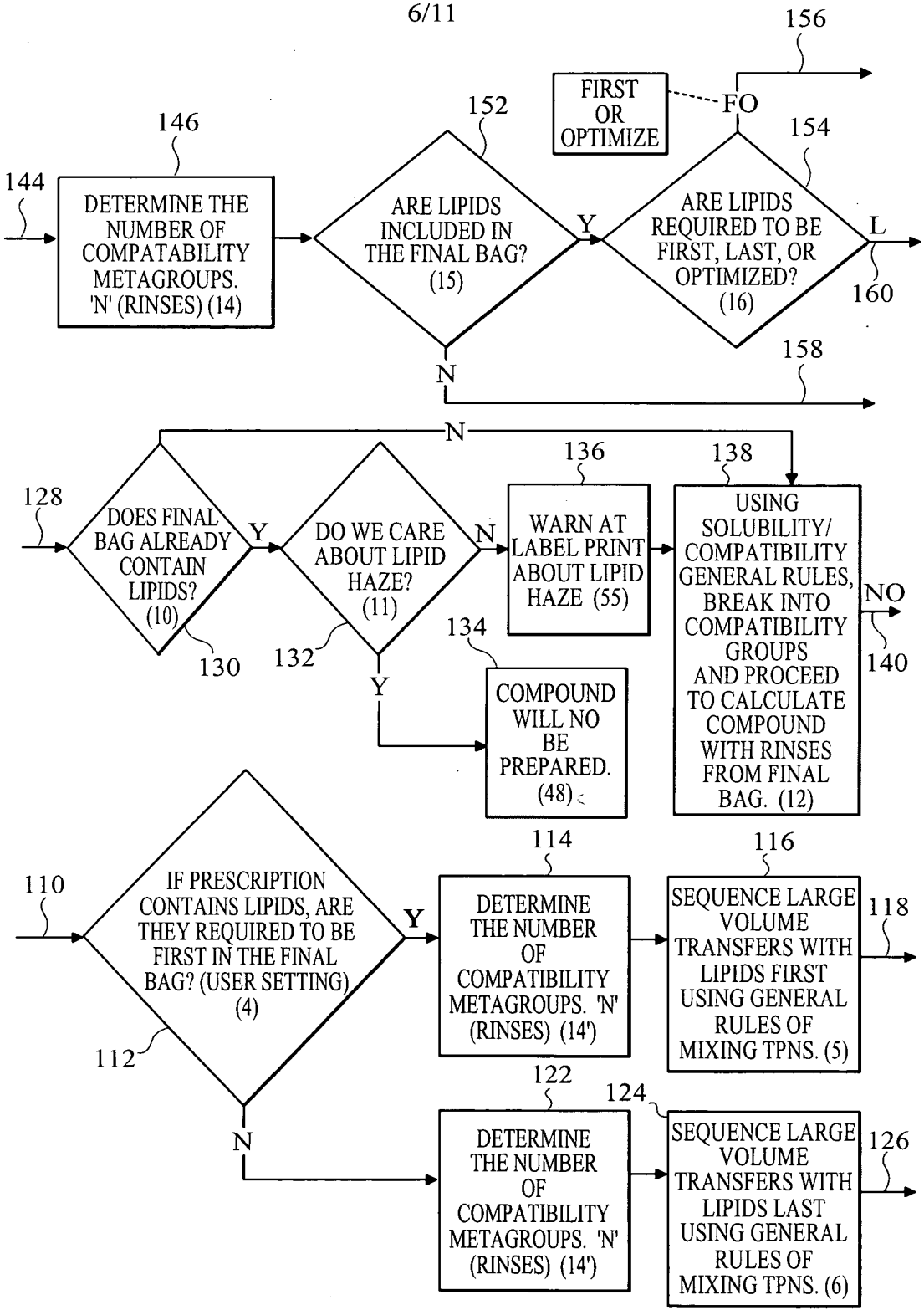
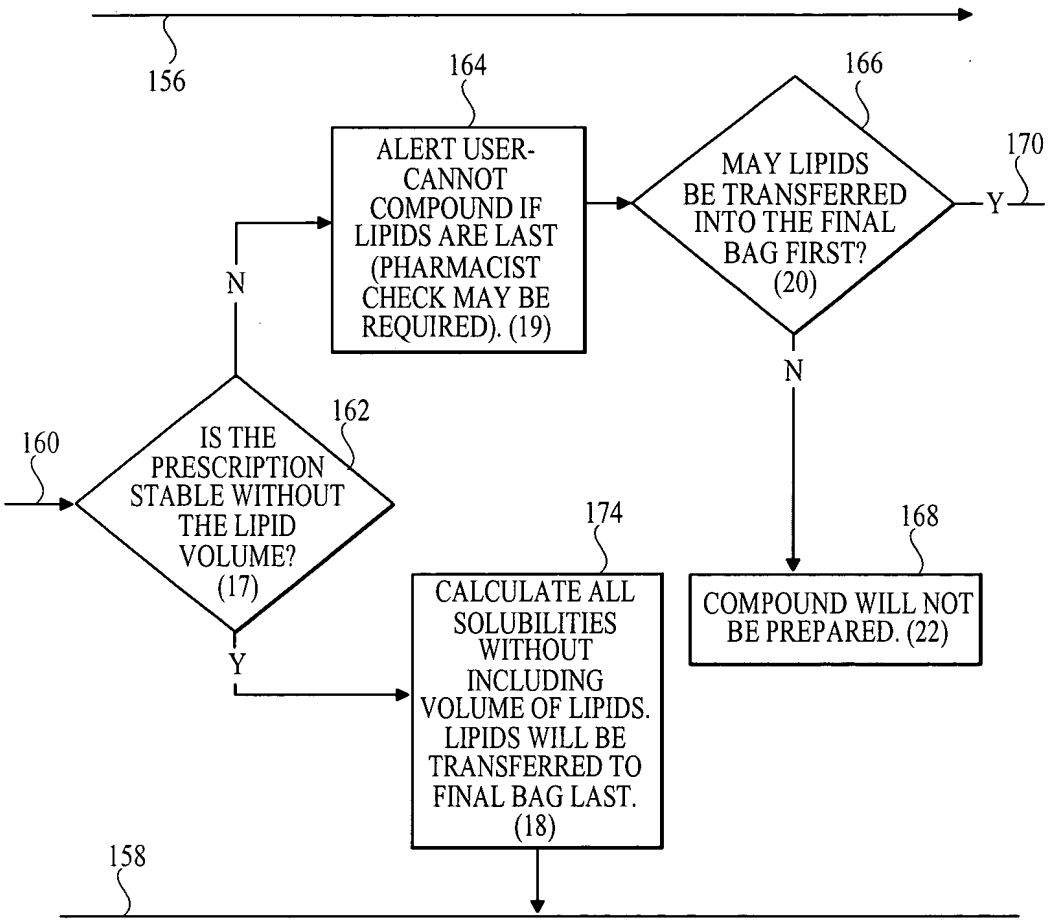
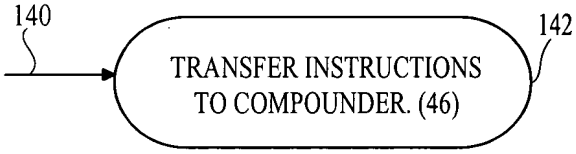

156
FIRST OR OPTIMIZE
FO
152
154
146
144
DETERMINE THE NUMBER OF COMPATABILITY METAGROUPS. 'N' (RINSES) (14)
ARE LIPIDS INCLUDED IN THE FINAL BAG? (15)
Y
ARE LIPIDS REQUIRED TO BE FIRST, LAST, OR OPTIMIZED? (16)
L
160
N
158
N
136
138
128
DOES FINAL BAG ALREADY CONTAIN LIPIDS? (10)
Y
DO WE CARE ABOUT LIPID HAZE? (11)
N
WARN AT LABEL PRINT ABOUT LIPID HAZE (55)
USING SOLUBILITY/ COMPATIBILITY GENERAL RULES, BREAK INTO COMPATIBILITY GROUPS AND PROCEED TO CALCULATE COMPOUND WITH RINSES FROM FINAL BAG. (12)
NO
140
130
132
Y
134
COMPOUND WILL NO BE PREPARED. (48)
114
116
110
IF PRESCRIPTION CONTAINS LIPIDS, ARE THEY REQUIRED TO BE FIRST IN THE FINAL BAG? (USER SETTING) (4)
Y
DETERMINE THE NUMBER OF COMPATIBILITY METAGROUPS. 'N' (RINSES) (14')
SEQUENCE LARGE VOLUME TRANSFERS WITH LIPIDS FIRST USING GENERAL RULES OF MIXING TPNS. (5)
118
112
122
124
N
DETERMINE THE NUMBER OF COMPATIBILITY METAGROUPS. 'N' (RINSES) (14')
SEQUENCE LARGE VOLUME TRANSFERS WITH LIPIDS LAST USING GENERAL RULES OF MIXING TPNS. (6)
126

FIG. 4C





STATE VARIABLES FOR FLOW
METAGROUPS: SET IN BOXES 14, 14'
LIPID SEQUENCE (FIRST, LAST, OPTIMIZE): TESTED IN BOXES 4,16,26
LIPIDS IN PRESCRIPTION (YES, NO): TESTED IN BOXES 15, 24
LIPIDS ALREADY IN BAG (YES, NO): TESTED IN BOX 10
LIPID HAZE UNACCEPTABLE (YES, NO): TESTED IN BOXES 11,51,53

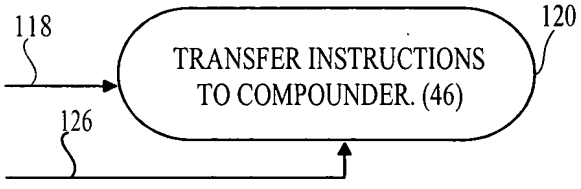


FIG. 4D